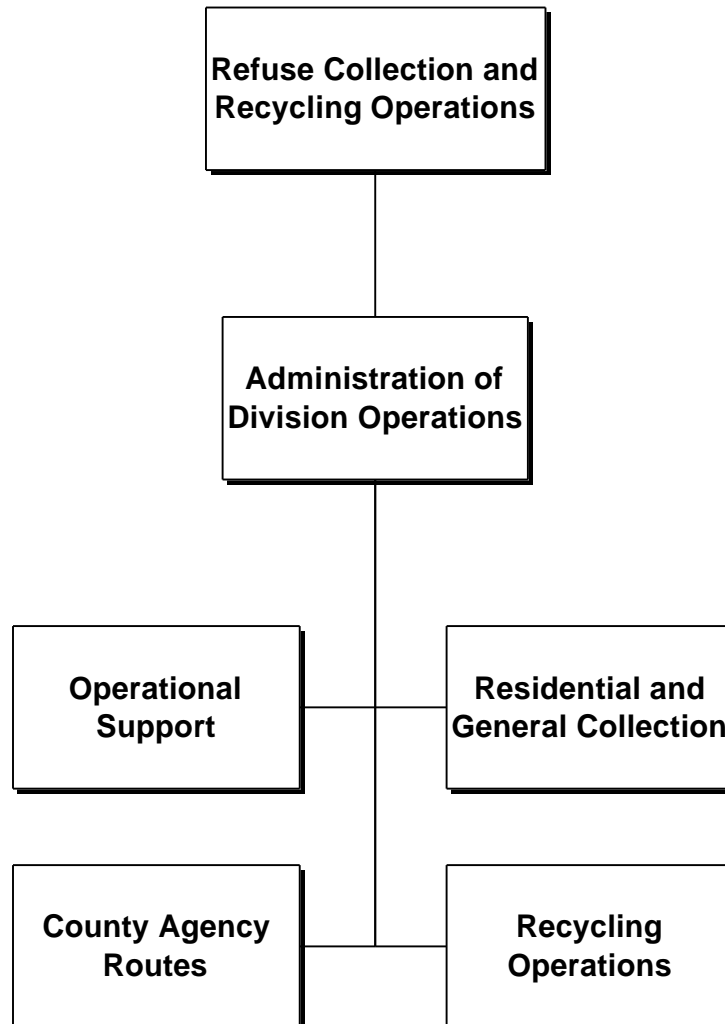


**DEPARTMENT OF PUBLIC WORKS  
AND ENVIRONMENTAL SERVICES  
SOLID WASTE MANAGEMENT**



# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

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### *Agency Position Summary*

139 Regular Positions / 139.0 Regular Staff Years

### ***Position Detail Information***

#### **DIVISION OF REFUSE COLLECTION AND RECYCLING - ADMINISTRATION OF DIVISION OPERATIONS**

1	Director of Refuse Collection and Recycling
1	Assistant Director/Engineer IV
1	Engineer III
1	Engineer II
1	Network/Telecommunication Analyst I
2	Management Analysts II
1	Management Analyst I
1	Accounting Technician
1	Account Clerk II
1	Secretary II
1	Secretary I
1	Clerical Specialist
13	Positions
13.0	Staff Years

#### **OPERATIONAL SUPPORT (Formerly Administration of Collection Operations)**

1	Refuse Superintendent
1	Assistant Refuse Superintendent
4	Clerical Specialists
1	Welder II
1	Maintenance Trade Helper I
8	Positions
8.0	Staff Years

#### **RESIDENTIAL & GENERAL COLLECTIONS**

1	Management Analyst II
1	Senior Refuse Supervisor
4	Refuse Supervisors
9	Heavy Equipment Operators
30	Motor Equipment Operators
19	Public Service Workers II
31	Public Service Workers I
95	Positions
95.0	Staff Years

#### **COUNTY AGENCY ROUTES**

4	Heavy Equipment Operators
1	Motor Equipment Operator
1	Maintenance Trade Helper II
6	Positions
6.0	Staff Years

#### **RECYCLING OPERATIONS**

1	Management Analyst IV
3	Management Analysts II
1	Inter/intranet Architect I
1	Management Analyst I
1	Refuse Supervisor
1	Clerical Specialist
1	Administrative Aide
1	Publications Assistant
2	Engineers II
4	Heavy Equipment Operators
1	Public Service Worker I
17	Positions
17.0	Staff Years

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

### Agency Mission

To protect Fairfax County citizens against disease, pollution, and other contamination associated with the improper disposal of refuse, by providing efficient and economical refuse collection services to citizens in 61 refuse collection sanitary districts, and to Fairfax County agencies. To reduce the County's municipal solid waste stream through the effective development, implementation, and management of comprehensive waste reduction and recycling programs to ensure that Fairfax County meets or exceeds the Commonwealth of Virginia mandated goal of recycling 25.0 percent of the solid waste stream.

Agency Summary					
Category	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	141/ 141	141/ 141	139/ 139	139/ 139	139/ 139
Expenditures:					
Personnel Services	\$5,390,318	\$6,300,439	\$6,046,993	\$6,661,120	\$6,727,731
Operating Expenses	6,165,306	6,033,090	6,720,693	6,644,729	6,644,729
Capital Equipment	1,008,455	262,000	401,807	955,000	955,000
Capital Projects <sup>1</sup>	0	368,000	368,000	0	0
<b>Subtotal</b>	<b>\$12,564,079</b>	<b>\$12,963,529</b>	<b>\$13,537,493</b>	<b>\$14,260,849</b>	<b>\$14,327,460</b>
Less:					
Recovered Costs	(342,966)	(359,252)	(363,022)	(396,320)	(396,320)
<b>Total Expenditures</b>	<b>\$12,221,113</b>	<b>\$12,604,277</b>	<b>\$13,174,471</b>	<b>\$13,864,529</b>	<b>\$13,931,140</b>

<sup>1</sup> Capital Projects' expenditures are shown under the Residential and General Collection Cost Center.

Summary by Cost Center					
Category <sup>1</sup>	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Administration of Division					
Operations	\$507,864	\$591,702	\$592,421	\$730,114	\$738,662
Operational Support	559,372	636,091	637,291	677,026	681,513
Residential and General					
Collections	8,945,091	9,161,881	9,482,385	9,905,798	9,946,600
County Agency Routes	1,091,233	955,869	1,076,411	1,002,821	1,005,721
State Litter Funds	86,954	0	93,524	0	0
Recycling Operations	1,030,599	1,258,734	1,292,439	1,548,770	1,558,644
<b>Total Expenditures</b>	<b>\$12,221,113</b>	<b>\$12,604,277</b>	<b>\$13,174,471</b>	<b>\$13,864,529</b>	<b>\$13,931,140</b>

<sup>1</sup> State Litter Funds are a pass-through cost shown under the Operational Support Cost Center.

### **Board of Supervisors' Adjustments**

**The following funding adjustments reflect all changes to the FY 2002 Advertised Budget Plan, as approved by the Board of Supervisors on April 30, 2001:**

- The 1.0 percent cost-of-living adjustment approved by the Board of Supervisors, and previously held in reserve, has been spread to County agencies and funds. This action results in an increase of \$66,611.

# **FUND 109**

## **REFUSE COLLECTION AND RECYCLING OPERATIONS**

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*The following funding adjustments reflect all approved changes to the FY 2001 Revised Budget Plan from January 1, 2001 through April 23, 2001. Included are all adjustments made as part of the FY 2001 Third Quarter Review:*

- A net increase of \$372,652 in expenditures, \$643,773 in Operating Expenses primarily for the collection of mixed paper for recycling and increased fuel costs was required. These costs were partially offset by savings in Personnel Services of \$253,446, in Recovered Costs of \$3,770, and in Capital Equipment of \$13,905.
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### **County Executive Proposed FY 2002 Advertised Budget Plan**

#### **Purpose**

The Division of Solid Waste Refuse Collection and Recycling, (Fund 109, Refuse Collection and Recycling Operations) is responsible for the collection of refuse and recyclable materials within Fairfax County's sanitary districts and from County agencies. The agency coordinates the County's recycling waste reduction operations. It is responsible also for the administration and program operations of the Solid Waste General Fund Programs (e.g., Health Department Referrals, Community Cleanups, Evictions, and Court Ordered Cleanups) on behalf of the County. In addition, it provides staff and vehicles for program operations at the Solid Waste Reduction and Recycling Center (SWRRC) locations.

Residents within sanitary refuse collection districts, which are created by the Board of Supervisors upon citizen petition, are charged an annual fee for service through the semi-annual property tax collection system. The current annual fee of \$210 per unit served will continue in FY 2002. The SWRRC program operates on a fee basis in which program participants purchase a permit (user fee) which entitles the holder to use the disposal and recycling facilities at two SWRRC sites located in Great Falls and McLean. The current annual user fee of \$185 per participant is proposed to be increased to \$195 for FY 2002 in order to reduce the deficit between operating costs and user fee revenues.

#### **Key Accomplishments**

- ◆ Implemented a Geographic Imaging System (GIS)-based routing system in FY 2000, resulting in a reduction of the number of sanitary district collection routes, enhancing agency efficiency.
- ◆ Implemented an integrated voice response (IVR) system for requesting and scheduling special pickup of brush or bulky items in FY 2001, enabling customers to schedule collections by telephone 24-hours a day.
- ◆ The Waste Reduction and Recycling staff initiated a study on improving citizen information and outreach to increase the recycling rate.

#### **FY 2002 Initiatives**

- ◆ An Information Systems proposal is being submitted for Internet-based scheduling of special collections within sanitary districts via the agency's WebPages.
- ◆ The addition of mixed paper to the recyclable material collected curbside in the sanitary districts, beginning midway through FY2001, is estimated to convert 5,676 tons of material from refuse to recyclables. This will result in an avoided disposal cost of \$192,984 at the current negotiated contractual tipping fee of \$34 per ton and an increased estimated revenue from sale of recyclable materials of \$90,816. As a result, in the future as recycling increases, this program is expected to cover the additional contract cost of providing this recycling collection.

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

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- ◆ Fund 109 will provide refuse collection service for approximately 38,699 residential and other units in 56 sanitary districts. The agency projects that disposable material collected by the Division will total 74,096 tons, including 61,887 for residential collection and 11,245 tons for County agency collection.

### Performance Measurement Results

Actual measures of Output, Efficiency, Service Quality and Outcomes were more positive than the estimates in most program areas and cost centers in FY 2000. As a result, some of the objectives have been updated, revised or replaced in FY 2002. For example, since the participation rate in recycling programs has reached 75 percent already, an objective has been revised and updated to "increase the recycling participation rate in the County Sanitary Collection Districts by one percent per year over the next five years from 75 percent to 80 percent."

However, in other instances, changing business practices and a review of collection constraints led to more substantial revisions. For example, because State mandates imposed on private refuse collectors now require only an aggregate calendar year report of recycling tonnage, the agency is unable to accurately determine fiscal year totals necessary for calculating the efficiency of the agency efforts to increase the private hauler recycling tonnage. Therefore, the tonnage indicators and related measures (staff hours per ton and cost per ton) for private hauler tonnage has been changed to calendar years from fiscal years and prior year actuals revised accordingly.

### Funding Adjustments

*The following funding adjustments from the FY 2001 Revised Budget Plan are necessary to support the FY 2002 program:*

- ◆ An increase of \$360,681 in Personnel Services associated with salary adjustments necessary to support the County's compensation program.
- ◆ An increase of \$567,809 in Operating Expenses primarily due to an increase of \$85,321 in Other Operating Equipment for the scheduled replacement of front loading refuse containers used in the collection of refuse on County Agency Routes; an increase of \$352,550 to implement the recycling of mixed paper in county Sanitary Districts; an increase of \$118,601 in Department of Vehicle Services charges based on anticipated charges for fuel, the County motor pool, vehicle replacement and maintenance costs; an increase of \$120,636 for other operating expenses; offset by a decrease of \$109,299 in refuse disposal charges due to an estimated reduction of tonnage to be collected on residential routes.
- ◆ An increase of \$37,068 in Character 40, Recovered Costs based on projected salary and operating expense requirements.
- ◆ An amount of \$955,000 is funded for Capital Equipment in FY 2002. The level of funding includes \$95,000 for five compactors for new facilities that will open in FY 2002; the South County Government Center and the Adult and Juvenile Detention Centers. Also included is funding for vehicles and equipment recommended for replacement by the Department of Vehicle Services based on the age and condition of the equipment: four rear loading refuse packer trucks, \$528,000; one carryall, 8 passenger 4x4 truck, \$32,000; one 1 ton 4x4 pickup truck, \$32,000; two roll-off trucks and two compactors with power units, \$268,000.

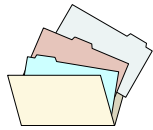
*The following funding adjustments reflect all approved changes in the FY 2000 Revised Budget Plan since passage of the FY 2001 Adopted Budget Plan. Included are all adjustments made as part of the FY 2000 Carryover Review and all other approved changes through December 31, 2000:*

- ◆ As part of the FY 2000 Carryover Review, expenditures were increased \$197,542 including \$99,331 in encumbered funds for Operating and Capital Equipment expenditure obligations and \$98,211 for unencumbered FY 1999 Close Management Initiatives (CMI) funds.

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

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### Administration of Division Operations

#### Goal

To provide management and administrative support to the Division of Refuse Collection and Recycling Operations, enabling its compliance with the Fairfax County Solid Waste Management Plan.

Cost Center Summary					
Category	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	13/ 13	13/ 13	13/ 13	13/ 13	13/ 13
<b>Total Expenditures</b>	<b>\$507,864</b>	<b>\$591,702</b>	<b>\$592,421</b>	<b>\$730,114</b>	<b>\$738,662</b>

See note 1 under Performance Elements for Operational Support.



### Operational Support

#### Goal

To provide efficient supervision and support for all refuse collection and recycling activities including response to telephone requests for customer service.

Cost Center Summary					
Category	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	8/ 8	8/ 8	8/ 8	8/ 8	8/ 8
<b>Total Expenditures</b>	<b>\$559,372</b>	<b>\$636,091</b>	<b>\$637,291</b>	<b>\$677,026</b>	<b>\$559,372</b>

#### Objectives

- ◆ To achieve efficient collection services by limiting cost increases to less than 16.0 percent in FY 2001 and less than 5.0 percent in FY 2002.
- ◆ To reduce the number of collection service complaints by at least 2.6 percent in FY 2002.
- ◆ To increase to 98.5 percent, the percentage of telephone requests for customer service responded to within three minutes.

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

### Performance Indicators

Indicator	Prior Year Actuals			Current Estimate	Future Estimate
	FY 1998 Actual	FY 1999 Actual	FY 2000 Estimate/Actual	FY 2001	FY 2002
<b>Output:</b>					
Tonnage collected	91,681	93,194	96,201 / 98,158	100,895	100,005
Calls received <sup>1</sup>	57,288	60,180	59,300 / 66,379	97,500	95,000
<b>Efficiency:</b>					
Cost per ton collected <sup>2</sup>	\$4.88	\$5.24	\$5.72 / \$5.70	\$6.57	\$6.77
Cost per call	\$2.26	\$2.30	\$3.37 / \$2.37	\$1.76	\$1.87
<b>Service Quality:</b>					
Valid complaints per 1,000 customers (all collections)	48.6	31.2	28.2 / 15.1	15.5	15.1
Percent of customers rating, telephone response good or better	91.2%	95.1%	95.5% / 96.2%	96.2%	96.3%
<b>Outcome:</b>					
Percent change in cost per ton <sup>3</sup>	3.90%	7.30%	9.1% / 8.8%	15.4%	3.0%
Percent change in complaints	(10.3%)	(21.0%)	(9.6%) / (51.6%)	2.6%	(2.6%)
Percent of calls with response within three minutes	NA	NA	NA / 96.5%	98.5%	98.5%

<sup>1</sup> All agency customer service functions for administration and operation support were merged into one location during FY 2000 and, thus, no Performance Measurement Indicators appear for Administration. The FY 2000 actual represents seven months of actual calls reported by an integrated voice response system. Estimated calls previously reported as a performance indicator for the Administration cost center are not included. The FY 2001 and FY 2002 reflect the total customer calls previously split between Administration and Operational Support based on current call volume.

<sup>2</sup> The large increase in FY 2001 is primarily due to increasing personnel costs.

<sup>3</sup> The large increase in FY 2001 is primarily due to increasing personnel costs.



## Residential and General Collection

### Goal

To provide efficient collection of refuse and recyclable materials to customers within Sanitary Collection Districts and at Solid Waste Reduction and Recycling Centers (SWRRC) to maintain sanitation in these areas and enhance conservation of resources.

Cost Center Summary					
Category	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	97/ 97	97/ 97	95/ 95	95/ 95	95/ 95
<b>Total Expenditures</b>	<b>\$8,945,091</b>	<b>\$9,161,881</b>	<b>\$9,482,385</b>	<b>\$9,905,798</b>	<b>\$9,946,600</b>

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

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### Objectives

- ◆ To efficiently provide weekly refuse pickup to all residents within County Sanitary Collection Districts.
- ◆ To increase the recycling participation rate in County Sanitary Collection Districts by 1.0 percent per year over the next five years, from an estimated rate of 75.0 percent to 80.0 percent.

### Performance Indicators

Indicator	Prior Year Actuals			Current Estimate	Future Estimate
	FY 1998 Actual	FY 1999 Actual	FY 2000 Estimate/Actual	FY 2001	FY 2002
<b>Output:</b>					
Refuse collections made <sup>1</sup>	3,514,935	3,551,293	3,560,303/ 3,560,303	3,571,406	3,576,866
Refuse tons collected	59,758	61,460	62,735 / 66,028	64,974	60,923
Tons of recyclables collected	10,622	10,680	11,676 / 10,734	14,045	16,410
<b>Efficiency:</b>					
Net cost per pickup – refuse collection (all materials)	\$1.87	\$1.64	\$1.97 / \$1.84	\$1.93	\$2.02
Net cost per home per year for recycling collection	\$26.76	\$25.37	\$25.98 / \$24.77	\$27.38	\$29.99
<b>Service Quality:</b>					
Collection complaints per 1,000 homes	15.6	18.1	18.0 / 17.3	17.9	17.3
Percentage of customers rating services good or better	88.0%	97.4%	97.5% / 96.5%	97.0%	97.0%
Missed collection complaints per 1,000 homes – recycling	16.2	8.7	12.0 / 3.7	3.7	3.6
<b>Outcome:</b>					
Percentage of homes within sanitary districts receiving a weekly refuse collection	100%	100%	100% / 100%	100%	100%
Percentage of homes setting out recyclable materials	NA	75%	76% / 75%	76%	77%

<sup>1</sup> The number of collections is derived by multiplying the number of households in the sanitary districts by 52 weeks, then adding the number of yard debris, brush, and bulk special collections to the total.



# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS



### County Agency Routes

#### Goal

To provide efficient refuse collection and recycling services to County agencies, resulting in the elimination of health hazards and supporting conservation of natural resources.

Cost Center Summary					
Category	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	6/ 6	6/ 6	6/ 6	6/ 6	6/ 6
<b>Total Expenditures</b>	<b>\$1,091,233</b>	<b>\$955,869</b>	<b>\$1,076,411</b>	<b>\$1,002,821</b>	<b>\$1,005,721</b>

#### Objectives

- ♦ To provide efficient/comprehensive refuse collection to designated Fairfax County Government agencies by increasing the cost increase per cubic yard by no more than 6.8 percent in FY 2002.

#### Performance Indicators

Indicator	Prior Year Actuals			Current Estimate	Future Estimate
	FY 1998 Actual	FY 1999 Actual	FY 2000 Estimate/Actual	FY 2001	FY 2002
<b>Output:</b>					
Trash collected from County Agencies (Cubic Yards) <sup>1</sup>	209,332	214,234	268,314 / 246,538	255,502	268,314
Tons recycled by County agencies <sup>2</sup>	1,099	896	1,112 / 828	870	1,112
County agencies receiving recycling services	70	76	76 / 79	79	79
<b>Efficiency:</b>					
Staff hours per cubic yard of refuse collected	.04	.03	.02 / .03	.03	.03
Net cost per ton for recycling	\$81.54	\$74.13	\$76.83 / \$78.50	\$74.75	\$74.75
Cost per cubic yard of refuse collected <sup>3</sup>	\$3.50	\$3.28	\$3.16 / \$3.35	\$3.53	\$3.73
Staff hours per ton for recycling	3.88	3.73	3.01 / 4.10	4.10	4.10
<b>Service Quality:</b>					
Complaints (refuse)	20	12	10 / 7	7	7
Complaints (recycling)	6	0	0 / 0	0	0
Percent of Satisfied Customers	98%	98%	98% / 97.6%	98%	98%
<b>Outcome:</b>					
Percentage change in cost per cubic yard	(2.5%)	(6.0%)	(3.7%) / 2.0%	5.4%	6.8%

<sup>1</sup> To achieve higher efficiency and to accurately display data, starting in FY 2000, cubic yards from compactor units were included in the total cubic yards and cubic yards' cost calculation. The significant increase in cubic yards in FY 2001 and FY 2002 is attributable to the addition of three new locations for compactor units and an anticipated increase in service level.

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

<sup>2</sup> The increase in the FY 1999 and FY 2000 tonnage is due to disposal of contaminated recyclable material loads (approximately 42 tons in FY 2000).

<sup>3</sup> The significant increase in FY 2002 cubic yards cost is due to an anticipated increase in personnel costs and the inclusion of depreciation for three compactor units to be purchased in FY 2002.



## Recycling Operations

### Goal

To reduce the County's waste stream through the effective development, implementation, and management of waste reduction and recycling programs, which serve the community and meet or exceed the Commonwealth of Virginia mandated goal of 25 percent.

Cost Center Summary					
Category	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
Authorized Positions/Staff Years					
Regular	17/ 17	17/ 17	17/ 17	17/ 17	17/ 17
<b>Total Expenditures</b>	<b>\$1,030,599</b>	<b>\$1,258,734</b>	<b>\$1,292,439</b>	<b>\$1,548,770</b>	<b>\$1,558,644</b>

### Objectives

- ◆ To increase the tonnage of County-wide curbside recycling programs operated by the private sector by 3,000 tons per year over the next five years.
- ◆ To sustain a state-mandated recycling rate of at least 25 percent.

### Performance Indicators

Indicator	Prior Year Actuals			Current Estimate	Future Estimate
	FY 1998 Actual	FY 1999 Actual	FY 2000 Estimate/Actual	FY 2001	FY 2002
<b>Output:</b>					
Tons recycled by private haulers <sup>1</sup>	52,109	63,852	60,659 / 66,435	69,435	72,435
Tons of recycled materials at recycling drop-off centers (RDOCs) <sup>2</sup>	7,950	6,412	10,400 / 6,702	6,800	6,800
Information/education efforts:					
General info pieces	317	295	295 / 295	295	295
Special events	2	4	3 / 3	3	3
Major staff actions (legislative, State and local participation etc.)	10	10	10 / 10	10	10
<b>Efficiency:</b>					
Per ton cost to recycle materials at RDOCs:					
Dollars (Net)/ton <sup>3</sup>	\$68.78	\$59.16	\$44.01 / \$55.98	\$77.53	\$91.40
Staff hours/ton for RDOCs <sup>4</sup>	2.22	2.76	NA / 2.64	2.60	2.60

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

Indicator	Prior Year Actuals			Current Estimate	Future Estimate
	FY 1998 Actual	FY 1999 Actual	FY 2000 Estimate/Actual	FY 2001	FY 2002
Dollars per ton cost of educational efforts for recycling:					
Dollars per ton <sup>5</sup>	\$10.23	\$6.97	NA / \$6.55	\$6.80	\$6.69
Agency staff hours per ton collected by private haulers <sup>6</sup>	0.080	0.055	NA / 0.053	0.051	0.049
<b>Service Quality:</b>					
Percent of citizens rating services at RDOCs good or better	NA	NA	NA / 93.5%	94.0%	95.0%
Percent rating published information good or better <sup>7</sup>	NA	NA	NA / NA	NA	NA
<b>Outcomes:</b>					
Tonnage increase in private hauler recycling <sup>8</sup>	7,572	11,743	3,000 / 2,583	3,000	3,000
Total recycling rate	36.96%	34.50%	34.0% / 31.0%	31.0%	31.0%

<sup>1</sup>The tonnage recycled by private haulers is only reportable on a calendar year basis, therefore, the actual years reported are the calendar year preceding the fiscal year, i. e., CY 1998, CY 1999 and CY 2000 are Actuals and CY 2001 and CY 2002 are Estimates.

<sup>2</sup>The previously reported actual amount for FY 1999, as well as the FY 2000 and FY 2001 tonnages include materials which should not be reflected in this total; the FY 1999 amount has been corrected and future estimates reflect inclusion only of the proper constituents.

<sup>3</sup>The significant increase in the FY 2001 estimate is based on additional Capital Equipment purchases as well as increased personnel costs as a result of market pay adjustments and the implementation of Pay for Performance.

<sup>4</sup>Prior year actuals are revised to reflect methodology calculating hours per ton.

<sup>5</sup>Prior year actuals are revised to reflect methodology calculating CY tonnages and costs.

<sup>6</sup>Calculation based on CY tonnage and CY staff hours.

<sup>7</sup>A survey will be conducted and concluded in FY 2001; once a baseline value is established; future goals will be developed.

<sup>8</sup> Indicator revised to be consistent with the objective; tonnage is based on calendar year reporting.

A Fund Statement and a Summary of Capital Projects are provided on the following pages. The Summary of Capital Projects may include some projects without a Total Project Estimate amount. These projects are considered "continuing" projects or projects for which funding is necessary on an ongoing basis (e.g., a contingency or planning project).

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

### FUND STATEMENT

Fund Type G10, Special Revenue Funds

Fund 109, Refuse Collection

	FY 2000 Actual	FY 2001 Adopted Budget Plan	FY 2001 Revised Budget Plan	FY 2002 Advertised Budget Plan	FY 2002 Adopted Budget Plan
<b>Beginning Balance</b>	<b>\$14,823,748</b>	<b>\$13,336,773</b>	<b>\$14,355,467</b>	<b>\$13,111,778</b>	<b>\$13,269,695</b>
Revenue:					
Interest on Investments	\$765,199	\$589,165	\$769,785	\$590,308	\$590,308
<b>R &amp; G Collection:</b>					
Household Levy <sup>1</sup>	\$7,996,800	\$8,021,790	\$8,034,495	\$8,034,390	\$8,034,390
Miscellaneous	267,425	160,345	349,140	402,539	402,539
SWRRC Program	184,216	185,000	170,200	165,750	165,750
Sale of Equipment	25,398	15,000	15,000	50,500	50,500
Subtotal	\$8,473,839	\$8,382,135	\$8,568,835	\$8,653,179	\$8,653,179
<b>County Agency Routes:</b>					
Miscellaneous Agencies	\$827,359	\$896,506	\$896,506	\$991,903	\$991,903
Sale of Equipment	24,651	13,500	13,500	0	0
Miscellaneous	118,900	114,545	114,545	97,723	97,723
Subtotal	\$970,910	\$1,024,551	\$1,024,551	\$1,089,626	\$1,089,626
<b>General Fund Programs:</b>					
Community Cleanup	\$28,038	\$36,769	\$31,592	\$29,716	\$29,716
Health Department Referrals	4,621	3,617	3,617	4,692	4,692
Evictions	20,660	15,483	20,660	22,034	22,034
Court Ordered/Mandated	17,605	12,603	12,603	18,432	18,432
Subtotal	\$70,924	\$68,472	\$68,472	\$74,874	\$74,874
<b>Other Collection Revenue:</b>					
Leaf Collection	\$270,791	\$256,405	\$343,614	\$294,831	\$294,831
Miscellaneous	17,426	4,675	10,056	10,308	10,308
State Litter Funds	86,954	0	93,524	0	0
Fairfax Fair	18,996	21,262	21,262	21,597	21,597
Subtotal	\$394,167	\$282,342	\$468,456	\$326,736	\$326,736
<b>Recycling Operations:</b>					
Program Support <sup>2</sup>	\$744,737	\$836,428	\$849,169	\$869,913	\$869,913
Sale of Materials	136,605	137,995	137,995	157,820	157,820
Miscellaneous	196,451	237,042	201,436	286,370	286,370
Subtotal	\$1,077,793	\$1,211,465	\$1,188,600	\$1,314,103	\$1,314,103
Total Revenue	\$11,752,832	\$11,558,130	\$12,088,699	\$12,048,826	\$12,048,826
<b>Total Available</b>	<b>\$26,576,580</b>	<b>\$24,894,903</b>	<b>\$26,444,166</b>	<b>\$25,160,604</b>	<b>\$25,318,521</b>

# FUND 109

## REFUSE COLLECTION AND RECYCLING OPERATIONS

### FUND STATEMENT

**Fund Type G10, Special Revenue Funds**

**Fund 109, Refuse Collection**

	<b>FY 2000 Actual</b>	<b>FY 2001 Adopted Budget Plan</b>	<b>FY 2001 Revised Budget Plan</b>	<b>FY 2002 Advertised Budget Plan</b>	<b>FY 2002 Adopted Budget Plan</b>
Expenditures:					
Personnel Services	\$5,390,317	\$6,300,439	\$6,046,993	\$6,661,120	\$6,727,731
Operating Expenses	6,165,307	6,033,090	6,720,693	6,644,729	6,644,729
Recovered Costs <sup>3</sup>	(342,966)	(359,252)	(363,022)	(396,320)	(396,320)
Capital Equipment	1,008,455	262,000	401,807	955,000	955,000
Capital Projects	0	368,000	368,000	0	0
Subtotal Expenditures	\$12,221,113	\$12,604,277	\$13,174,471	\$13,864,529	\$13,931,140
COLA Reserve	0	0	0	66,611	
Total Expenditures	\$12,221,113	\$12,604,277	\$13,174,471	\$13,931,140	\$13,931,140
<b>Total Disbursements</b>	<b>\$12,221,113</b>	<b>\$12,604,277</b>	<b>\$13,174,471</b>	<b>\$13,931,140</b>	<b>\$13,931,140</b>
<b>Ending Balance</b>	<b>\$14,355,467</b>	<b>\$12,290,626</b>	<b>\$13,269,695</b>	<b>\$11,229,464</b>	<b>\$11,387,381</b>
Collection Equipment Reserve <sup>4</sup>	\$528,844	\$648,800	\$602,497	\$660,653	\$660,653
Recycling Equipment Reserve	209,248	344,314	345,210	142,210	142,210
PC Replacement Reserve <sup>5</sup>	50,800	62,500	68,250	68,100	68,100
<b>Unreserved Balance<sup>6</sup></b>	<b>\$13,566,575</b>	<b>\$11,235,012</b>	<b>\$12,253,738</b>	<b>\$10,358,501</b>	<b>\$10,516,418</b>
Levy per Household Unit	\$210/Unit	\$210/Unit	\$210/Unit	\$210/Unit	\$210/Unit

<sup>1</sup> The collection FY 2002 levy/fee per household unit will remain at the current rate of \$210 per unit. Although the Refuse Collection levy is separate and not a real estate tax, it is included on and collected as part of the County's real estate tax bill. This amount does not include approximately 440 units which will be billed directly by the agency.

<sup>2</sup> The estimate for Program Support is calculated using the projected level of expenditures for recycling operations as conducted in Fund 109, Refuse Collection and Recycling Operations, and offset by revenue received from the sale of recycled materials.

<sup>3</sup> Recovered Costs represents billings to Fund 108, Leaf Collection, for its share of the total administrative cost for Agency 46, Division of Refuse Collection and Recycling Operations. Also included is an amount billed to Fund 110, Refuse Disposal, for administrative costs for the recycling program, as coordinated in Fund 109, Refuse Collection and Recycling Operations.

<sup>4</sup> Funds reserved for equipment replacement are not encumbered based on normal accounting practices, but are allocated at a future date for equipment purchases. The requirements for Collection Operations are funded through the collection revenue received in Fund 109, Refuse Collection and Recycling Operations, while requirements for Recycling Operations are provided as a component of the Program Support.

<sup>5</sup> The PC Replacement Reserve was established to provide funding for the timely replacement of obsolete computer equipment.

<sup>6</sup> The Unreserved Ending Balance is utilized to offset potential increases in the refuse disposal fee. Utilization of the balance in Fund 109, Refuse Collection and Recycling Operations, effectively allows the agency to absorb those fee adjustments, while not increasing the refuse collection levy.

# **FUND 109**

## **REFUSE COLLECTION AND RECYCLING OPERATIONS**

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### **FY 2002 Summary of Capital Projects**

#### **Fund: 109 Refuse Collection and Recycling Operations**

<b>Project #</b>	<b>Description</b>	<b>Total Project Estimate</b>	<b>FY 2000 Actual Expenditures</b>	<b>FY 2001 Revised Budget</b>	<b>FY 2002 Advertised Budget Plan</b>	<b>FY 2002 Adopted Budget Plan</b>
109001	Newington Facility Expansion	\$368,000	\$0.00	\$368,000.00	\$0	\$0
<b>Total</b>		<b>\$368,000</b>	<b>\$0.00</b>	<b>\$368,000.00</b>	<b>\$0</b>	<b>\$0</b>